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**PROJECT MEMORANDUM**  
**SCE WEST OF DEVERS (WOD) UPGRADE PROJECT**

**To:** Billie Blanchard, Project Manager, CPUC  
**From:** Vida Strong, Aspen Project Manager  
**Date:** May 14, 2018  
**Subject:** Monitoring Report #15: April 23 to May 6, 2018

## Introduction

This report provides a summary of the construction and compliance activities associated with Southern California Edison’s (SCE) West of Devers (WOD) Upgrade Project.

**CPUC Environmental Monitor (EM):** Jamie Miner was onsite April 23, 24, 26, and 27, and May 1 and 3. Jenny Slaughter, Lead Environmental Monitor, was onsite May 8 through 10.

## CPUC Notices to Proceed (NTPs)

Table 1 summarizes the NTPs with construction for the WOD Upgrade Project.

**Table 1 – NTPs**  
(Updated 05/14/18)

NTP #	Date Requested	Date Issued	Phase	Description
NTP #1	04/04/17	06/29/17	Material Yards	Construction or use of 10 Material Yards
NTP #2	05/18/17	06/29/17	Substation Upgrades	Upgrades to 5 existing Substations
NTP #3	06/05/17	08/10/17	Distribution, Subtransmission, and Telecom	Construction of the Distribution, Subtransmission, and Telecommunication portions of the Project
NTP #4	07/13/17	09/05/17	Transmission	Transmission Line Construction on private lands
NTP #5	08/07/17	03/29/18	Construction on BLM lands	Transmission Line construction on BLM lands

## Construction & Compliance

A summary of construction and compliance activities is provided below by NTP.

### **Material Yards (NTP #1)**

As defined in NTP #1, Project material yards (MY) include:

- Mountain View #1 MY
- Lugonia MY
- Grand Terrace MY
- Poultry MY



- San Timoteo MY
- Beaumont #1 MY
- Beaumont #2 MY
- Matich MY
- Hathaway #2 MY
- Devers MY

CPUC granted authorization for material storage at the Devers MY in early October 2017. This authorization did not include any activities associated with construction or yard improvements, which are not expected to be required.

After verification that preconstruction measures had been fulfilled, CPUC authorization to begin yard preparation work at the Mountain View #1 and Poultry MYs was provided on February 14, 2018, and authorization for the Beaumont #2 MY was granted on March 2, 2018. The preconstruction compliance package for the Matich MY was received April 16, 2018 and authorization to begin yard preparation work was provided on May 1, 2018.

### **Summary of Construction Activity**

1. For the currently approved material yards, Cunningham Davis Construction is installing BMPs. All other activities are being performed by the contractor operating out of each respective yard.
2. The Mountain View #1 MY is being utilized by Hot Line Construction as their primary base of operations and material/equipment storage location. Work associated with the Mountain View #1 MY was limited to material/equipment deliveries and general yard maintenance throughout the reporting period.
3. The Poultry MY is being utilized by Barnard Construction as their primary base of operations and material/equipment storage location. Work associated with the Poultry MY included installation of temporary distribution power and telecommunication fiber and water system tank and auxiliary components. Material/equipment deliveries and general yard maintenance were also conducted throughout the monitoring period.
4. The Beaumont #2 MY is being utilized by CJ/Aldridge Drilling as their primary base of operations and material/equipment storage location. Work associated with the Beaumont #2 MY was limited to material/equipment deliveries and general yard maintenance throughout the monitoring period.
5. The Matich MY is being utilized by Barnard Construction primarily for tubular steel pole (TSP) storage. Work associated with the Matich MY was limited to BMP installation.
6. Work associated with the Devers MY included BMP maintenance and ongoing deliveries of construction materials (see Photo 1).

### **Environmental Compliance**

1. All construction activities associated with NTP #1 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #1 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #1.
3. There were no reportable (> 1 gallon) spills associated with NTP #1 identified during the monitoring period.

4. One new active nest and two fledged/failed (non-project) nests associated with NTP #1 were reported during the monitoring period. To date, there is one active nest (house finch) within work areas associated with NTP #1. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project Nesting Bird Management Plan (NBMP).
5. Special-status species observed or identified during the monitoring period at locations associated with NTP #1 included loggerhead shrike.

### ***Substations (NTP #2)***

Five substations are identified for improvements in NTP #2. These include:

- Etiwanda Substation
- San Bernardino Substation
- Vista Substation
- El Casco Substation
- Devers Substation

### **Summary of Construction Activity**

1. For the current substation construction activities, site supervision is being provided by Circle Wood Services and bus position replacement, reconductoring, and CCVT installation is being conducted by TTR Substations.
2. Work associated with the El Casco Substation upgrades were postponed during the reporting period due to the presence of active least Bell's vireo (LBVI) nests within 500-feet of the access road to the site. Work resumed on May 4 after receiving concurrence from USFWS (see #4, below) and included demolishing jumpers and installation of new breakers at bus position #1.

### **Environmental Compliance**

1. All construction activities associated with NTP #2 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period.
2. There were no SWPPP maintenance items associated with NTP #2 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #2.
3. There were no reportable (> 1 gallon) spills associated with NTP #2 identified during the monitoring period.
4. Seven new active nests and zero fledged/failed nests associated with NTP #2 were reported during the monitoring period. To date, there are 15 active nests (least Bell's vireo [LBVI], bushtit, Lawrence's goldfinch, and red-tailed hawk) within work areas associated with NTP #2. On April 26, SCE requested agency concurrence to modify existing buffers for LBVI active nests along the El Casco Substation access road. The request was threefold, including a reduction of one active LBVI nest buffer to continue activities within the walled substation, concurrence to permit ingress/egress through two active LBVI nest buffers encompassing the access road, and concurrence to permit ingress/egress through any future active LBVI nest buffers encompassing the access road. Concurrence from USFWS was granted on May 3. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the NBMP.
5. Special-status species observed or identified at locations associated with NTP #2 during the monitoring period included LBVI, yellow warbler, yellow-breasted chat, white-tailed kite, American white pelican, and Cooper's hawk.

### ***Distribution, Subtransmission, and Telecommunication Work (NTP #3)***

As defined in NTP #3, distribution improvements consist of three work packages. These include:

- Dental 12-kV Distribution Circuit (Dental Circuit)
- Intern 12-kV Distribution Circuit Underbuild (Intern Circuit)
- Reconductor on Juanita Street (Juanita Reconductor)

As defined in NTP #3, subtransmission improvements consist of three work packages. These include:

- Removal of San Bernardino–Redlands-Timoteo and the San Bernardino–Redlands-Tennessee 66-kV Lines (Timoteo-Tennessee Removal)
- Relocation of San Bernardino–Redlands-Timoteo 66-kV Lines (Timoteo Relocation)
- Relocation of San Bernardino–Redlands-Tennessee 66-kV Lines (Tennessee Relocation)

As defined in NTP #3, telecommunication improvements consist of six work packages. These include:

- San Bernardino Substation Connection to Redlands Inland Empire District Office (San Bernardino Connection),
- Timoteo-Redlands District Office Fiber Optic Cable Connection (Timoteo-Redlands Connection),
- El Casco Substation Connection to Vista Moreno OPGW (El Casco Connection),
- Maraschino Substation Connection to Devers-Valley OPGW (Maraschino Connection),
- El Casco-Banning Connection to Devers-Vista Skywrap (El Casco-Banning Connection), and
- Banning Substation Connection to Devers-Valley OPGW (Banning Connection).

To date, all telecommunication, distribution, and subtransmission pre-compliance materials associated with NTP #3 have been submitted and approved.

#### **Summary of Construction Activity**

1. For the currently approved subtransmission components, major construction activities are being performed primarily by Hot Line Construction with support from CJ Drilling and Barnard Construction. For the currently approved telecom components, fiber splicing is being performed by SCE crews.
2. Work associated with the Timoteo Relocation subtransmission improvements included potholing for existing utilities, excavation and installation of underground vaults, conduit, and lightweight tubular steel poles (LWTSPs), and excavation for tubular steel poles (TSPs).
3. Work associated with the Tennessee Relocation subtransmission improvements included, potholing for existing utilities, excavation and installation of underground vaults, conduit, and LWTSPs, and excavation for TSPs (see Photos 2 and 3).
4. Work associated with the Maraschino Connection telecom improvements have been completed.
5. Work associated with the El Casco-Banning Connection included fiber splicing at riser poles along Oak Valley Boulevard (see Photo 4).

## **Environmental Compliance**

1. All construction activities associated with NTP #3 were in compliance with Project mitigation measures, permit conditions, and plan requirements throughout the monitoring period (see Photos 5 and 6).
2. There were no SWPPP maintenance items associated with NTP #3 recorded during the monitoring period. To date, there are no open SWPPP maintenance items associated with NTP #3.
3. There were no reportable (> 1 gallon) spills associated with NTP #3 identified during the monitoring period.
4. On May 4, approval was granted from the City of Redlands for late work scheduled on May 19 associated with the installation of four TSPs at the intersections of Citrus Avenue and Iowa Street, and Citrus Avenue and Nevada Street.
5. No active nests and one fledged/failed nest associated with NTP #3 were reported during the monitoring period. To date, there are two active nests (golden eagle, red-shouldered hawk) within work areas associated with NTP #3. A request for a buffer reduction associated with the golden eagle nest was submitted for agency review on February 15, 2018. On February 23, 2018, USFWS denied the request. Further negotiations between SCE and the agencies are pending. In the event nests are established, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project NBMP.
6. No special-status species were observed or identified at locations associated with NTP #3 during the monitoring period.

## ***Transmission Work (NTP #4)***

NTP #4 includes descriptions of six transmission line segments, identified as Segments 1 through 6.

The preconstruction compliance package for Segment 4 was received May 1, 2018 and authorization was granted on May 4, 2018.

### **Summary of Construction Activity**

1. No work authorized by NTP #4 has occurred.

## **Environmental Compliance**

1. No new active nests and zero fledged/failed nests associated with NTP #4 were identified during the monitoring period. To date, there are two active nests (red-tailed hawk, common raven) within work areas associated with NTP #4. If required, nest buffers for non-special-status bird species will be implemented by SCE per the requirements of the Project NBMP.

## ***Transmission Work BLM Lands (NTP #5)***

NTP #5 includes the portion of one transmission line segment, identified as Segment 6, which traverses properties managed by the BLM. NTP #5 was approved by BLM on March 29, 2018. To date, no work authorized by NTP #5 has been requested or has occurred.

## **Temporary Extra Workspaces (TEWS) and Minor Project Refinements (MPRs)**

Table 2 summarizes the TEWS and MPRs for the WOD Upgrade Project to date. MPRs #10 and #11 were approved since the last reporting period.

**Table 2 - TEWS & MPRs**  
(Updated 05/14/18)

<b>TEWS / MPC</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
<b>Temporary Extra Workspaces (TEWS)</b>				
TEWS #1	10-12-17	10-19-17	Maraschino Connection	Access to Beaumont Cherry Valley District water hydrant meter located near the intersection of Highland Springs Avenue and Crooked Creek, Beaumont.
TEWS #2	11-13-17	11-21-17	El Casco-Banning Connection	Water source on Oak Valley Boulevard.
TEWS #3	12-15-17	12-15-17	Banning Connection	Access to existing poles off of Lincoln Street.
TEWS #4	12-18-17	12-18-17	Banning Connection	Access to existing poles off of Wesley Street.
TEWS #5	12-20-17	12-21-17	Banning Connection	Access to existing poles at intersection of Wesley Street and Old Idyllwild Road
<b>Minor Project Refinements (MPRs)</b>				
MPR #1	11-17-17	11-22-17	Maraschino Connection	Revisions to the amount of new underground telecom construction.
MPR #2	12-13-17	12-15-17	Maraschino Connection	Addition of two vault work areas on Highland Springs Road.
MPR #3	12-21-17	12-28-17	El Casco-Banning Connection	Adjustments to alignment along Oak Valley Parkway
MPR #4	12-27-17	1-3-18	Maraschino/El Casco-Banning Connections	Continued use of two fire hydrants previously approved as TEWS #1 and TEWS #2
MPR #5	1-16-18	1-22-18	Banning Connection	Continued use of access routes described in TEWS #3, 4, and 5 and temporary access paths through private property along Coyote Trail
MPR #6	2-8-18	2-12-18	Project-wide	Use of 10 water sources to support construction activities
MPR #7	2-23-18	2-28-18	Poultry MY	Temporary water and electrical supply to yard
MPR #8	2-27-18	3-2-18	El Casco Connection/Segment 1	New telecom splice location and single new steel pole installation
MPR #9	3-26-18	3-27-18	El Casco Connection	Telecom work areas along El Casco Substation access road

<b>TEWS / MPC</b>	<b>Date Requested</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
MPR #10	4-6-18	4-9-18	Mountain View #1 MY/All subtrans	Additional work spaces at Mountain View #1 MY entry and at subtransmission improvements work areas
MPR #11	5-4-18	5-8-18	Tennessee Relocation	Relocation of 5 subtransmission structures from the east side to the west side of Nevada Street

### **CPUC Compliance Incidents, Project Memoranda (PMs) and Non-Compliance Reports (NCRs)**

Table 3 summarizes the CPUC Incidents, PMs, and NCRs issued to date.

**Table 3**  
**CPUC Incidents, Project Memoranda, and Non-Compliance Reports**  
 (Updated 05/14/18)

<b>Incident/ PM/NCR</b>	<b>Regulatory Requirement</b>	<b>Date Issued</b>	<b>Phase</b>	<b>Description</b>
Level 1 Incident	Traffic Control Plan	01-30-18	Banning Connection	Traffic control was set up in such a way that diverted flow into active work area and deviated from approved Traffic Control Plan.
Level 1 Incident	MM WIL-1b	04-19-18	Timoteo/ Tennessee Relocation	A portable water tank was observed uncovered for four consecutive days.

## PROJECT PHOTOGRAPHS



Photo 1 – Maintaining BMPs due to storm damage at the Devers MY (April 23, 2018).



Photo 2 – Trenching for new conduit for the Tennessee Relocation near San Bernardino Substation (April 24, 2018).



Photo 3 – New LWTSP installation for the Tennessee Relocation along Nevada Street (April 27, 2018).



Photo 4 – Fiber splicing for the El Casco-Banning Connection along Oak Valley Parkway (April 27, 2018).



Photo 5 – Haul truck covering spoils load during trenching excavations for the Tennessee Relocation (April 24, 2018).



Photo 6 – Disturbance limits clearly delineated during TSP excavation for the Tennessee Relocation along San Bernardino Avenue (April 27, 2018).